

CHECK-LIST OF THE PSYCHODIDÆ OF EUROPE<sup>1</sup>

BY WILLIAM F. RAPP, JR., AND JANET L. COOPER

The area covered by this check-list includes all Europe, Great Britain, Russia and Asia Minor.

## FLEBOTOMUS Rondani

- africanus* var. *asiaticus* Theodor, Bull. Ent. Res., Vol. 24, p. 541.  
Palestine.
- ariasi* Tonnoir, Ann. Soc. ent. Belg., Vol. 61, p. 53.  
Barcelona, Spain.
- borowskii* Khodukin, in Khodukin and Sofiev, Meditz. Muisl' Uzbekist., Vol. 5, p. 51.  
Turkmenistan.
- bruchoni* Parrot, Arch. Inst. Pasteur Algerie, Vol. 13, p. 252.  
Greece.
- canaaniticus* Adler and Theodor, Proc. Roy. Soc., Series B, Vol. 108, p. 468.  
Palestine.
- chinensis* Adler and Theodor, Bull. Ent. Res., Vol. 21, p. 534.  
Persia.
- chinensis* var. *simici* Nitzulescu, Ann. Parasit. hum. comp., Vol. 9, pp. 129, 265.  
Jugoslavia, Palestine.
- chinensis* var. *longiductus* Nitzulescu, Ann. Parasit. hum. comp., Vol. 9, p. 128.  
Jugoslavia, Palestine.
- clydei* Sinton, Ind. J. Med. Res., Vol. 15, p. 179.  
Afghanistan.
- grassii* Pierantoni, Bull. Mus. Zool. Torino, Vol. 39 (1924), N. S. 21, p. 5.  
Italy.
- grekovi* Khodukin, Meditz. Muisl' Uzbekist. Turkmenist. suppl. 1929, p. 101.  
Russia.

<sup>1</sup> Third contribution to a Check-list of Psychodidæ of the World.

- kandelakii* Schourenkova, Russ. J. Trop. Med., Vol. 7 (1929), p. 693.  
Russia.
- larroussei* Langeron and Nitzulescu, Ann. Parasit. hum. comp., Vol. 9, p. 73.  
France.
- macedonicus* Adler and Theodor, Proc. Roy. Soc., Series B, Vol. 108, p. 468.  
Macedonia.
- major* var. *longiductus* Parrot, Arch. Inst. Pasteur Algerie, Vol. 6, p. 29.  
Turkastand.
- major* var. *syriacus* Adler and Theodor, Proc. Roy. Soc., Series B, Vol. 108, p. 467.  
Syria.
- mascittii* Grassi, Roma Rend. Acc. Lincei, Vol. 17, pp. 681-682.  
Italy.
- minutus* Rondani, Ann. Soc. Ent. France, Vol. 1, ser. 2 (1843), p. 2 tab.  
Mediterranean Region.
- minutus* var. *arpaklensis* Perfil'ev, Zool. Anz., Vol. 101, p. 226.  
Turkmenistan.
- minutus* var. *meridionalis* Pierantoni, Bull. Mus. Zool. Torino, Vol. 39 (1924), N. S. 21, p. 3.  
Italy.
- minutus* var. *sogdianus* Parrot, Arch. Inst. Pasteur Algerie, Vol. 6, p. 26.  
Turkastand.
- neglectus* Tonnoir, Ann. Soc. Ent. Belg., Vol. 61, p. 333.  
Albania.
- newsteadi* Sinton, Ind. J. Med. Res., Vol. 15, p. 589.  
Afghanistan.
- nigerrimus* Newstead, Bull. Ent. Res., Vol. 2, p. 68.  
Malta.
- parroti* var. *italicus* Adler and Theodor, Bull. Ent. Res., Vol. 22, p. 107.  
Italy.
- parroti* var. *sardous* Bogliolo, Ann. Igiene, Vol. 45, p. 42.  
Sardinia.

- pawlowskyi* Perfil'ev, Zool. Anz., Vol. 101, p. 222.  
Turkmenistan.
- perfilievi* Parrot, Arch. Inst. Pasteur Algerie, Vol. 8 (1930), p. 383.  
Crimea.
- perfilievi* var. *transcaucasicus* Perfil'ev, Ins. U.S.S.R., Dipt., Vol. 3, No. 2, p. 108.  
Transcaucasia.
- perniciosus* Newstead, Bull. Ent. Res., Vol. 2, p. 70.  
Malta.
- perniciosus* var. *nitzulescui* Simic, Ann. Parasit. hum. comp., Vol. 10, p. 434.  
Jugoslavia.
- perniciosus* var. *tauricus* Nasonov., Acad. Sci. U.S.S.R., No. 22 (1927), p. 370.  
South Crimea.
- perniciosus* var. *tobbi* Adler and Theodor, Bull. Ent. Res., Vol. 21, p. 536.  
Persia.
- selectus* Khodukin, Meditz. Muisl' Uzbekist. Turkmenist. suppl. 1929, p. 99.  
Russia.
- sogdianus* Parrot, Arch. Inst. Pasteur Algerie, Vol. 7, p. 303.  
Bokhara.
- stalinabadi* Khodukin, in Khodukin and Sofiev, Meditz. Muisl' Turkmenist., Vol. 5 (9-10), p. 53.  
Central Asia.
- sumbaricus* Perfil'ev, Zool. Anz., Vol. 101, p. 225.  
Turkmenistan.
- tiberiadis* Adler, Theodor, and Lowrie, Bull. Ent. Res., Vol. 21, p. 537.  
Palestine.
- trogodytes* Nitzulescu, Ann. Parasit., Vol. 8, p. 388.  
France.
- vesuvianus* Adler and Theodor, Bull. Ent. Res., Vol. 22, p. 108.  
Italy.
- wenyoni* Adler and Theodor, Bull. Ent. Res., Vol. 21, p. 535.  
Persia.

## LEPIMORIA Enderlein

*tatrica* Enderlein, Dtsch. ent. Z., 1936 (1937), p. 98.

High Tatras (Polish-Czechoslovakia border).

*galicica* Enderlein, Dtsch. ent. Z., 1936 (1937), p. 93.

Poland.

*latefasciata* Enderlein, Dtsch. ent. Z., 1936 (1937), p. 93.

Italy.

MICRODIXA Muller

*scutigera* Muller, Z. Morph. Oekol. Tiere, Vol. 7, p. 535.

Switzerland.

*similis* Muller, Z. Morph. Oekol. Tiere, Vol. 7, p. 541.

Germany.

## PANIMERUS Tonnoir

*maynei* Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 186.

Belgium.

## PERICOMA Walker

*albomaculata* Wahlgrem, Arkiv. Zool., Vol. 2, p. 16.

Sweden.

*ambigua* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 126.

Northern Europe.

*andrenipes* Strobl, Milt. Ver. Steierm, Vol. 46 (1910), p. 270.

Austria.

*advena* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 127.

Northern Europe.

*angustipennis* Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 184.

Belgium.

*auriculata* Halid, in Curt. : Brit. Ent., 745, Tab., fig. 9 (Psychoda) (*canescens* Walk., Ins. Britannica, Dipt., Vol. 3, p. 254, *obs.* (1856)) (*fusca* Walker (*nec.* Macq.) Ins. Britannica, Dipt., Vol. 3, p. 260).

Northern Europe.

*avicularia* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 37.

England.

*blandula* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 123.

Northern Europe, Great Britain.

- calcilega* Feuerb., Verhand Intern. Ver. f. Linn., 1923, p. 196.  
Great Britain.
- caliginosa* Eaton, Ent. Monthly Mag., ser. 2, Vol. IX (XXIX),  
p. 128.  
Northern Europe.
- canescens* Meigen, Klass, Vol. 7 (1804), Vol. 5 (Trichoptera),  
p. 45.  
Europe, Great Britain.
- cognata*, Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 121.  
Northern Europe, Great Britain.
- compta*, Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 121.  
Northern Europe, Great Britain.
- consors* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 127.  
Northern Europe.
- dalii* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893),  
p. 125.  
Northern Europe.
- decipiens* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 126.  
Northern Europe.
- diversa*, Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 182.  
Belgium.
- exquisita* Eaton, Ent. Monthly Mag., ser. 2, Vol. 4 (24) (1893),  
p. 123.  
Great Britain.
- extricata* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 121.  
Northern Europe, Great Britain.
- fallax* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893),  
p. 122.  
Northern Europe, Great Britain.
- fratercula* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX)  
(1893), p. 128.  
Northern Europe.
- fusca* Macquaert, Recueil Soc. Sc. Agr. Lille, Vol. 4 (Psychoda)  
(1826), p. 167 (*calceata* Meigen, Syst. Besch., Vol. 11 (1830)

- (Psychoda), p. 272) (*tristis* Zedderstett (*nec.* Meigen), Dipt. Scand., Vol. XII (1855), 6-7 (Psychoda), p. 4887).  
Europe, Great Britain.
- gracilis* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 123.  
Northern Europe, Great Britain.
- hibernica* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 37.  
Ireland.
- hirticornis* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 158.  
Austria.
- incerta* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 129.  
Northern Europe.
- labeculosa* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 127.  
Northern Europe.
- magnicornis* v. d. Wulp, Diptera Neerlandica, Vol. I (1877), p. 319.  
Central Europe.
- manicata* Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 181.  
Belgium.
- modesta* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 165.  
France.
- morula* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 127.  
Northern Europe.
- mutua* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 121.  
Northern Europe, Great Britain.
- neglecta* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 122.  
Northern Europe, Great Britain.
- notabilis* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 126 (*canescens* Walker, Ins. Britannica, Dipt., Vol. 3 (1856), p. 258).  
Northern Europe.
- nubila* Meigen, Syst. Besch., Vol. 1 (1818) (Psychoda), p. 107 (*bombyciformis* Schrnk., Fauna Boica, Vol. III (Tipula), p. 2347).  
Northern Europe, Great Britain.

- ocellaris* Meigen, Klass., Vol. I, tab. II, fig. 19 (Trichoptera) (1804), p. 44 (*variegata* Macquaert, Recueil Soc. Sc. Agr. Lille, Vol. 2, p. 167 (Psychoda) (1826)).  
Europe.
- opaca* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 154.  
Italy.
- ornata* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 157.  
Italy.
- palustris* Meigen, Klass., Vol. I (Trichoptera) (1804), p. 43.  
Europe.
- pilularia* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 38.  
England.
- plumicornis* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 161.  
Austria.
- pseudequisita* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 36.  
Great Britain.
- pulchra* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 123.  
Northern Europe, Great Britain.
- revisenda* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 129.  
Northern Europe.
- soleata* Walker, Ins. Britannica, Dipt., Vol. 3 (1856), p. 257.  
Northern Europe.
- spherica* Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 180.  
Belgium.
- subneglecta* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 169.  
Belgium.
- squamigera* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 163.  
Austria.
- trifasciata* Meigen, Klass., Vol. I, tab. II, fig. 20 (Trichoptera) (1804), p. 44.  
Northern and Central Europe, Great Britain.
- tristis* Meigen, Syst. Besch., Vol. VI, 10 (Psychoda) (1830), p. 272.  
Europe.
- trivialis* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 121.  
Northern Europe.

*ustulata* Walker, Ins. Britannica Dipt., Vol. 3 (1856), p. 258.  
Northern Europe.

PERIPSYCHODA Enderlein

*nigritarsis* Enderlein, Dtsch. ent. Z., 1936 (1937), p. 99.  
Germany.

PSYCHODA Latreille

*albipennis* Zedderstett, Dipt. Scand., Vol. IX (10) (1850), p. 3708.

Europe.

*alternata* Say, Long's Exp. St. Peter's River App. (1824). (For synonyms see Journal New York Entomological Society, Vol. 52, p. 204.)

Great Britain.

*brevicornis* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 54.  
England.

*crassipenis* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 52.  
England, Germany.

*erminea* Eaton, Ent. Monthly Mag., ser. 2, Vol. IV (XXIX) (1893), p. 130.

Northern Europe.

*flavescens* v. Ros., Correspondenzbl. Wurttemberg. landw., Ver. I, 50 (1840), p. 50.

Central Europe.

*gemina* Eaton, Ent. Monthly Mag., Vol. 40 (1904), p. 57.

England, Belgium.

*grisescens* Tonnoir, Ann. Soc. ent. Belg., Vol. 62 (1922), p. 87.

England.

*humeralis* Meigen, Syst. Besch., Vol. I (1818), 7, p. 106 (*bullata* Walker, Ins. Britannica, Dipt., Vol. III (3), p. 257 (Pericoma) (1856)).

Europe.

*lobata* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 60.

England, Bulgaria.

*lucifuga* Walker, Ins. Britannica, Dipt., Vol. III, 1 (Pericoma) (1856), p. 257.

Northern Europe.

*obscura* Tonnoir, Ann. Soc. ent. Belg., Vol. 50 (1919), p. 140.

England, Europe.

- phalænoides* Linnæus, Syst. Nat., Ed. X, 32 (Tipula) (1758),  
p. 588 (*muraria* Latreille, Hist. Nat. d. Crust. et. Ins., Vol.  
XIV (1805), p. 203) (*nervosa* Schrnk., Fauna Boica, Vol.  
III, 82 (Tipula) (1803), p. 2350).  
Europe.
- phalænoides* sub. sp. *elongata* Tonnoir, Trans. Soc. Brit. Ent.  
Vol. 7 (1940), p. 51.  
England.
- primæva* Cockerell, U. S. Mus., Vol. 49, p. 493.  
England.
- setigera* Tonnoir, Ann. Soc. ent. Belg., Vol. 62 (1922), p. 85.  
England, Belgium, Germany.
- severini* Tonnoir, Ann. Soc. ent. Belg., Vol. 62 (1922), p. 78.  
England, Belgium, Austria, Germany.
- spretæ* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 57.  
England, Belgium.
- silacea* Curt., Brit. Ent., Vol. 10 (1839), p. 745.  
Northern Europe.

#### TELMATOSCOPUS Eaton

- apicealbus* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 179.  
Italy.
- britteni* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 47.  
England.
- eatoni* Tonnoir, Trans. Soc. Brit. Ent., Vol. 7 (1940), p. 47.  
England.
- furvus* Tonnoir, Trans. Soc. British Ent., Vol. 7 (1940), p. 49.  
Belgium.
- rothschildii* Eaton, Ent. Mag., Vol. 48, p. 9.  
England.
- similis* Tonnoir, Ann. Soc. ent. Belg., Vol. 62, p. 171.  
Holland.

#### THRETICUS Eaton

- compar*, Ent. Mag., Vol. XL, p. 57.  
Britain, Madeira.
- gemina* Eaton, Ent. Mag., Vol. XL, p. 57.  
England.

## TRICHOMYIA Haliday

*urbica* Curt., Brit. Ent., Vol. 9 (1839), p. 745 (*aurea* Zett., Dipt.  
Scand., Vol. IX (8) (Psychoda) (1850), p. 3707).

Europe.

## ULOMYIA Walker

*plumata* Tonnoir, Ann. Soc. ent. Belg., Vol. 60, p. 187.

Belgium.